

Title (en)
PHASE MEASURING DEVICE AND METHOD IMPLEMENTING A FILTER

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Abstract (en)
[origin: WO8802867A1] The invention relates mainly to a phase measuring device. The use of adapted filters (140) makes it possible to increase the signal/noise ratio of a received signal. Nevertheless, if a plurality of signal samples having each a different phase are sent, there is a risk that a signal present at the output of the adapted filter (140) at any time be a phase mixture of two successive samples. The use of an odd filter (141) makes it possible to determine the only time when the phase measurement corresponds to the phase of one sample only of the signal. The invention applies mainly to demodulation, detection or decoding of radio, television broadcasts or data transmissions in phase modulation.

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Nachrichten Elektronik, vol. 32, no. 6, juin 1978; G. Kohlbacher et al.: "Bauelemente mit akustischen Oberflächenwellen", pages 181-187

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